

=> fil reg
FILE 'REGISTRY' ENTERED AT 10:22:43 ON 07 DEC 2006
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 6 DEC 2006 HIGHEST RN 914980-83-9
DICTIONARY FILE UPDATES: 6 DEC 2006 HIGHEST RN 914980-83-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

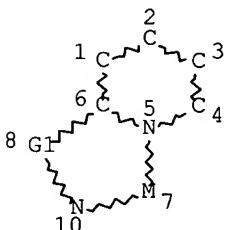
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

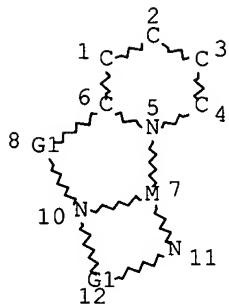
=> d sta que 177
L11 STR



REP G1=(1-4) C
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 9

STEREO ATTRIBUTES: NONE
L31 SCR 1965 OR 1991 OR 1918
L33 171779 SEA FILE=REGISTRY SSS FUL L11 AND L31
L34 STR



REP G1=(1-4) C

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

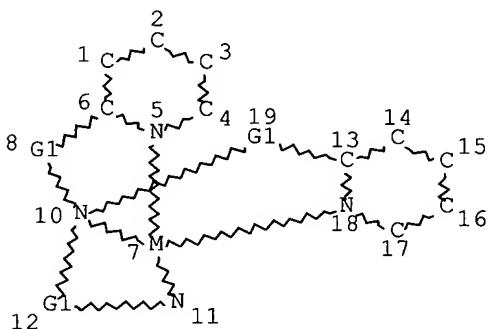
GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 11

STEREO ATTRIBUTES: NONE

L36 38358 SEA FILE=REGISTRY SUB=L33 SSS FUL L34
L37 STR



REP G1=(1-4) C

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

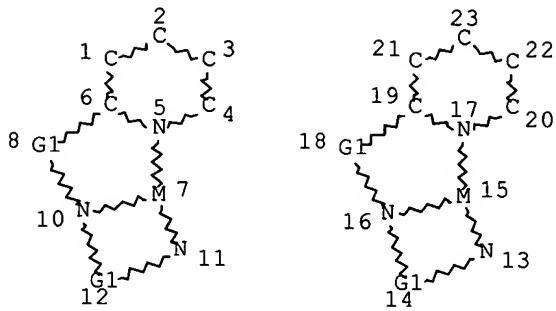
GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE

L39 4056 SEA FILE=REGISTRY SUB=L36 SSS FUL L37
L40 STR



REP G1=(1-4) C

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

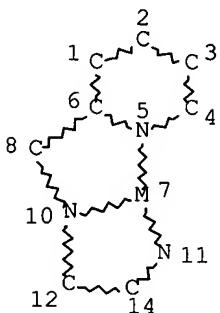
GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE

L42 8626 SEA FILE=REGISTRY SUB=L36 SSS FUL L40
L46 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

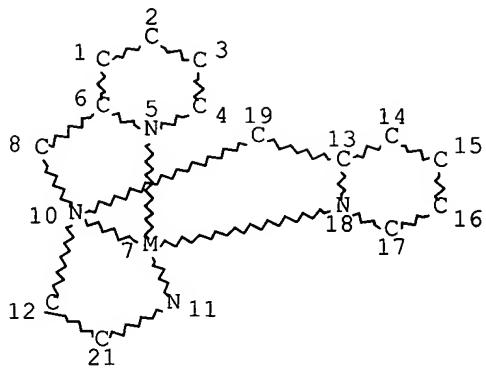
GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE

L48 32248 SEA FILE=REGISTRY SUB=L36 SSS FUL L46
L49 STR



NODE ATTRIBUTES:

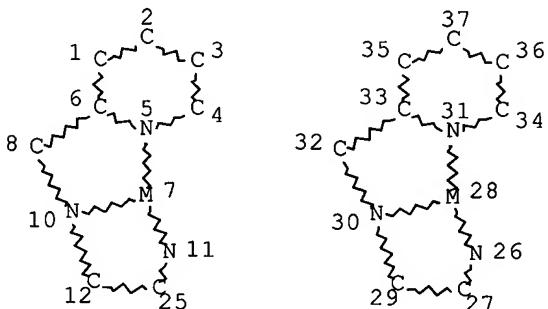
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 19

STEREO ATTRIBUTES: NONE

L51 3689 SEA FILE=REGISTRY SUB=L39 SSS FUL L49
L52 STR



NODE ATTRIBUTES:

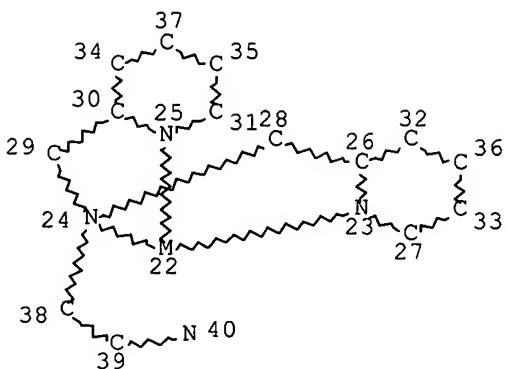
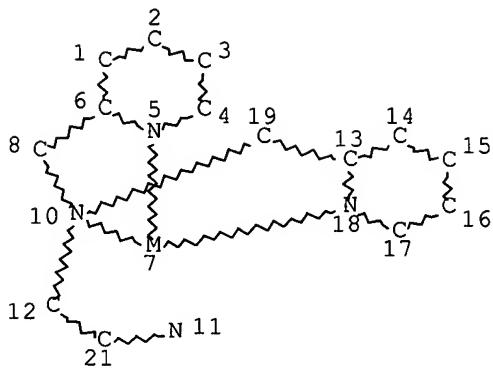
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 24

STEREO ATTRIBUTES: NONE

L54 7244 SEA FILE=REGISTRY SUB=L42 SSS FUL L52
L55 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

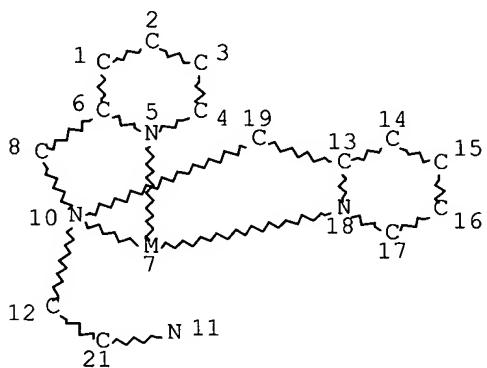
GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 38

STEREO ATTRIBUTES: NONE

L59 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

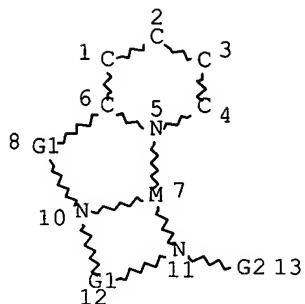
NUMBER OF NODES IS 19

STEREO ATTRIBUTES: NONE

L61 76 SEA FILE=REGISTRY SUB=L33 SSS FUL L59
 L62 2 SEA FILE=REGISTRY SUB=L61 SSS SAM L55
 L64 38358 SEA FILE=REGISTRY ABB=ON PLU=ON (L36 OR L39 OR L42 OR L48 OR
 L51 OR L54)
 L65 24210 SEA FILE=REGISTRY ABB=ON PLU=ON L64 AND (MN OR TC OR RE OR
 FE OR RU OR OS OR CO OR RH OR IR OR NI OR PD OR PT)/ELS
 L66 35 SEA FILE=REGISTRY ABB=ON PLU=ON (L61 OR L62) AND (MN OR TC
 OR RE OR FE OR RU OR OS OR CO OR RH OR IR OR NI OR PD OR
 PT)/ELS

L67

STR



REP G1=(1-4) C

VAR G2=AK/CB

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

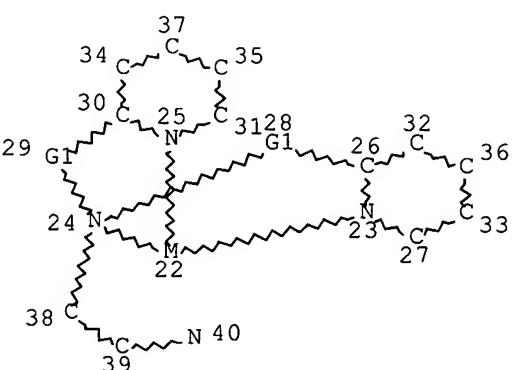
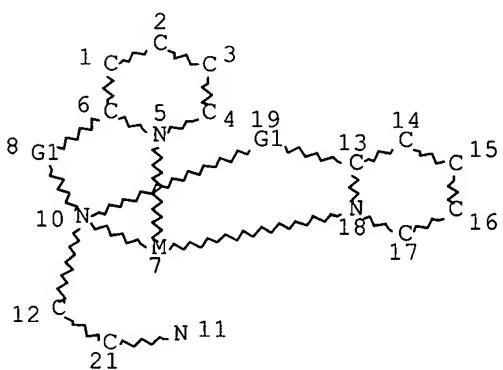
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE

L69 1911 SEA FILE=REGISTRY SUB=L65 SSS FUL L67

L70 STR



REP G1=(1-4) C

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

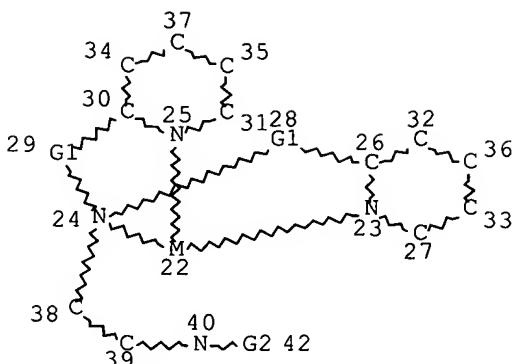
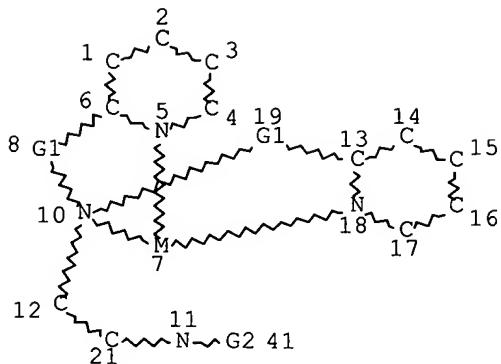
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 38

STEREO ATTRIBUTES: NONE

L72 29 SEA FILE=REGISTRY SUB=L33 SSS FUL L70

L73 STR



REP G1=(1-4) C
 VAR G2=AK/CB
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 40

STEREO ATTRIBUTES: NONE
 L74 24 SEA FILE=REGISTRY SUB=L72 SSS FUL L73
 L75 20 SEA FILE=REGISTRY ABB=ON PLU=ON L66 AND (L72 OR L74)
 L76 20 SEA FILE=REGISTRY ABB=ON PLU=ON L75 AND L74
 L77 1931 SEA FILE=REGISTRY ABB=ON PLU=ON (L69 OR L76)

=> d his

(FILE 'HOME' ENTERED AT 09:06:01 ON 07 DEC 2006)
 SET COST OFF

FILE 'HCAPLUS' ENTERED AT 09:06:11 ON 07 DEC 2006
 L1 1 S US20040242893/PN OR (US2004-802514# OR GB2003-6418) /AP, PRN
 E SOLAN/AU
 L2 82 S E13-E15
 E DAVIES/AU
 L3 3 S E3
 E DAVIES C/AU
 L4 118 S E3, E13
 L5 93 S E81, E92
 L6 26 S E101, E102
 L7 313 S L2-L6 NOT L1
 SEL RN L1

FILE 'REGISTRY' ENTERED AT 09:08:27 ON 07 DEC 2006
 L8 32 S E1-E32
 L9 19 S L8 NOT CCS/CI
 L10 13 S L8 NOT L9
 L11 STR
 L12 50 S L11
 L13 STR L11
 L14 41 S L13
 E CCS/CI

L15 SCR 2049 AND 1918
L16 SCR 2049 AND 1965
L17 SCR 2049 AND 1991
L18 50 S L13 AND L15
L19 50 S L13 AND L16
L20 50 S L13 AND L17
L21 42 S L18 NOT L19, L20
L22 SCR 2049
L23 SCR 1965 OR 1991
L24 SCR 1918
L25 50 S L11 AND L15
L26 50 S L11 AND L16
L27 50 S L11 AND L17
L28 109 S L25-L27 NOT L18-L21
L29 50 S L11 AND L23
L30 50 S L11 AND L24
L31 SCR 1965 OR 1991 OR 1918
L32 50 S L11 AND L31
L33 171779 S L11 AND L31 FUL
L34 STR L11
L35 50 S L34 SAM SUB=L33
L36 38358 S L34 FUL SUB=L33
SAV TEMP L36 GROUP802/A
L37 STR L34
L38 50 S L37 SAM SUB=L36
L39 4056 S L37 FUL SUB=L36
SAV TEMP L39 GROUP802A/A
L40 STR L34
L41 50 S L40 SAM SUB=L36
L42 8626 S L40 FUL SUB=L36
SAV TEMP L42 GROUP802B/A
L43 STR L37
L44 46 S L43 SAM SUB=L39
L45 1023 S L43 FUL SUB=L39
SAV TEMP L45 GROUP802C/A
L46 STR L34
L47 50 S L46 SAM SUB=L36
L48 32248 S L46 FUL SUB=L36
SAV TEMP L48 GROUP802D/A
L49 STR L37
L50 50 S L49 SAM SUB=L39
L51 3689 S L49 FUL SUB=L39
SAV TEMP L51 GROUP802E/A
L52 STR L40
L53 50 S L52 SAM SUB=L42
L54 7244 S L52 FUL SUB=L42
SAV TEMP L54 GROUP802F/A
L55 STR L49
L56 2 S L55 SAM SUB=L33
L57 29 S L55 FUL SUB=L33
SAV TEMP L57 GROUP802G/A
L58 13 S L8 AND L33
L59 STR L55
L60 3 S L59 SAM SUB=L33
L61 76 S L59 FUL SUB=L33
SAV L61 GROUP802H/A
L62 2 S L55 SAM SUB=L61
L63 29 S L55 FUL SUB=L61
DEL GROUP802H/A
SAV TEMP L61 GROUP802H/A

SAV TEMP L63 GROUP802I/A
L64 38358 S L36,L39,L42,L48,L51,L54
L65 24210 S L64 AND (MN OR TC OR RE OR FE OR RU OR OS OR CO OR RH OR IR OR
L66 35 S L61,L62 AND (MN OR TC OR RE OR FE OR RU OR OS OR CO OR RH OR
L67 STR L34
L68 50 S L67 SAM SUB=L65
L69 1911 S L67 FUL SUB=L65
SAV TEMP L69 GROUP802J/A
L70 STR L55
L71 2 S L70 SAM SUB=L33
L72 29 S L70 FUL SUB=L33
SAV TEMP L63 GROUP802K/A
L73 STR L70
L74 24 S L73 FUL SUB=L72
SAV TEMP L74 GROUP802L/A
L75 20 S L66 AND L72,L74
L76 20 S L75 AND L74
L77 1931 S L69,L76
L78 13 S L8 AND L77
L79 1918 S L77 NOT L78

FILE 'HCAPLUS' ENTERED AT 10:09:25 ON 07 DEC 2006

L80 3 S L78
L81 377 S L79
L82 3 S L80 AND (L1-L7 OR (EXXON? OR MOBIL?)/PA,CS)
L83 7 S L81 AND (L1-L7 OR (EXXON? OR MOBIL?)/PA,CS)
L84 1 S L83 AND (PY<=2003 OR PRY<=2003 OR AY<=2003)
L85 1 S L82 AND (PY<=2003 OR PRY<=2003 OR AY<=2003)
L86 2 S L84,L85
L87 370 S L81 NOT L80,L82-L86
L88 234 S L87 AND PY<=2003 NOT P/DT
L89 283 S L87 AND (PD<=20030320 OR PRD<=20030320 OR AD<=20030320)
L90 49 S L89 AND P/DT
L91 38 S L79 (L) CAT/RL AND L90
L92 36 S L90 AND CATALYST?/CW,CT
E POLYMERIZATION CATALYST/CT
E E4+ALL
L93 7 S L90 AND E2,E12-E19
L94 36 S L92-L93
L95 22 S L88 AND L79 (L) CAT/RL
L96 3 S L88 AND E2,E12-E19
L97 23 S L95,L96
L98 59 S L94,L97
SEL HIT RN

FILE 'REGISTRY' ENTERED AT 10:21:48 ON 07 DEC 2006

L99 162 S E1-E162

FILE 'REGISTRY' ENTERED AT 10:22:43 ON 07 DEC 2006

=> fil hcaplus
FILE 'HCAPLUS' ENTERED AT 10:23:09 ON 07 DEC 2006
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